

JPL Chemical Procurement Program

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JPL's Chemical Acquisition Processes

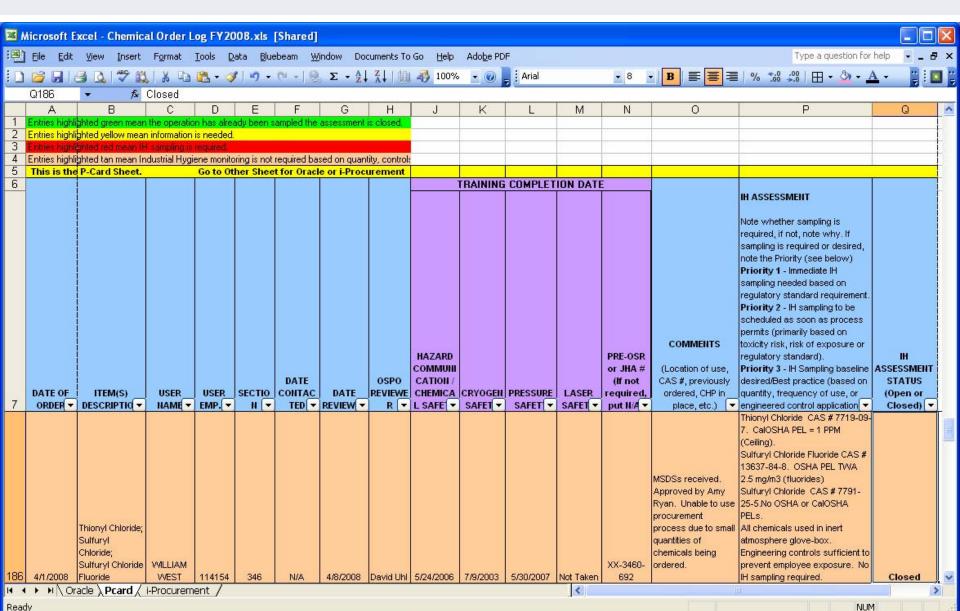
- Chemicals Procured Via 3 Processes:
 - iProcurement (Web-Based Chemical Catalog)
 - Oracle Purchase Order (PO)
 - Government-Issued Purchasing Card (P-Card)
- Process Depends on Material Hazards, Time Schedule, and Vendor Requirements:
 - Some specialty vendors do not take POs
 - Material to be purchased may be time-critical
 - Hazardous material may require special handling (e.g., explosives, carcinogens) and may only be purchased via PO
- Hazardous Material and End Users are Evaluated to Ensure:
 - Required training completed
 - Hazard assessment performed
 - Completion of required IH sampling
- Evaluations and Assessments are Documented and Tracked

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Tracking Spreadsheet for Chemical Procurements (P-Card Order Example)





iProcurement

- Hazardous materials in catalog pre-evaluated and approved by JPL's OSPO and EAPO
- For quick procurement of frequently used hazard chemicals
- Material Safety Data Sheets (MSDS) are on file
- Pre-qualification process ensures that end users have appropriate training
- Users order directly from catalog without waiting for OSPO or EAPO approval
- User initiates order via a web-based interface, typically filled in 3 to 7 days
- E-mail copy of the order is sent to the OSPO and the EAPO for monitoring and tracking for compliance and hazards evaluation purposes



JPL Oracle Purchase Orders

- Electronic requests for authorization to purchase hazardous materials sent via Oracle from any JPL employee to JPL Environmental Affairs Program Office (EAPO) and Occupational Safety Program Office (OSPO) for review
- Both EAPO and OSPO must approve requisitions before purchases are authorized. Considerations include:
 - Is the hazardous material a regulated carcinogen?
 - Has the end user received required training?
 - Is a Hazard Assessment completed for the operation?
 - Have appropriate control measures been implemented?
- OSPO completes an IH assessment to determine need for sampling

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JPL Chemical P-Card

- Created with NASA approval in 2002, following a successful 2-year pilot program
- Created to provide quicker procurement when time is essential for project success
- Allows engineers and scientists to:
 - Receive materials not available on iProcurement
 - Receive items where a vendor will not take PO
 - Receive time critical items
 - Reduce administrative costs for procurement preparation
- Includes EAPO and OSPO oversight

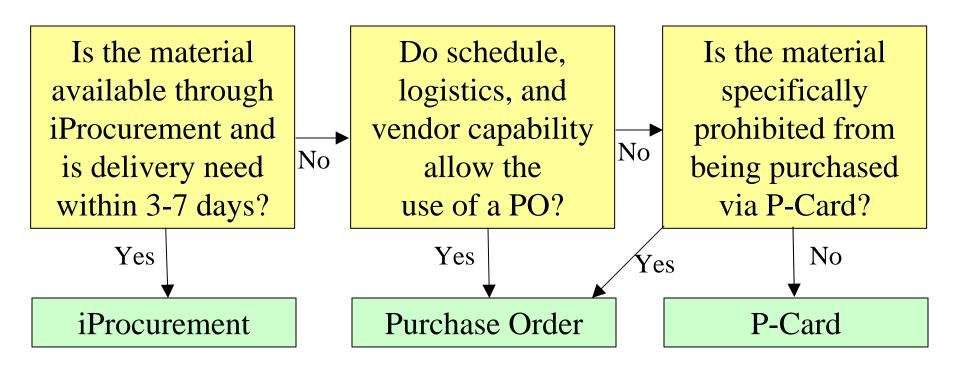
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JPL Chemical P-Card (Cont'd.)

- Cardholders and approvers are appointed in each of the technical divisions by the Division Manager
- Usage information and MSDS e-mailed to OSPO and EAPO to review when order placed
- Restricted list of materials that cannot be ordered via P-Card developed by Chemical Safety Committee
 - List was developed with consideration to:
 - Acute hazards (explosives, radioactive materials, toxic/reactive gases)
 - Cal/OSHA regulated regulations (acrylonitrile, benzene, formaldehyde)



Hazardous Material Procurement Options



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